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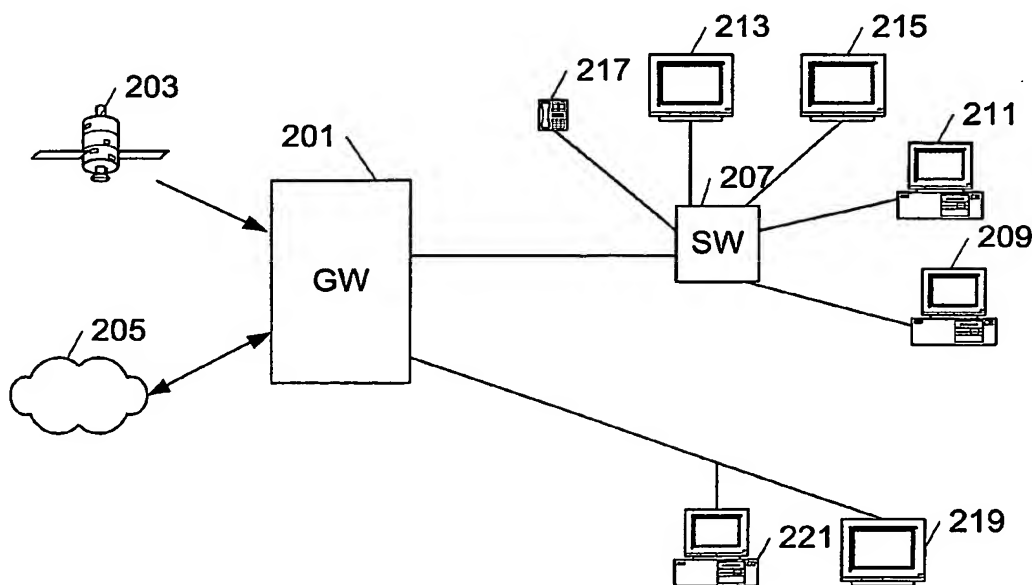
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[Continued on next page]

(54) Title: ETHERNET BASED NETWORK FOR DISTRIBUTING IP AND NON-IP SIGNALS



(57) Abstract: The present invention relates to a system and a method for distributing both IP signals and non-IP signals in an Ethernet based network, wherein the Ethernet based network comprises UTP cabling comprising a number of wires, the method comprises distributing said non-IP signals through a signal path based on wires comprised in said cabling and not being used for distributing said IP signals. The invention further relates to a gateway, a router and a switch for receiving both IP signals and non-IP signals, processing said IP signals and non-IP signals and transmitting said processed IP signals and non-IP signals via the Ethernet based network.



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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